

**KERALA STATE DRUGS & PHARMACETICALS LTD., KALAVOOR, ALAPPUZHA.**

**Name of work : - KSDP - Setting up the NABL accredited Nodal Testing Centre confirming to NABL & GLP Norms (Electrical works)**

**Date of issue of Tender: - 27-10-2011**

**Last date of receipt of Tender : - 18-11-2011, 15.00Hrs.**

**Date of opening of Technical Bid : - 18-11-2011, 15.30Hrs.**

**Cost of Tender Form : - Rs.2250.00+KVAT+Cess**

**EMD : - Rs.15,000.00**

**TENDER SCHEDULE**

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
1	Supplying and laying of 3run of 1.5mm <sup>2</sup> wire with earth through 20/25mm PVC pipe ISI mark (M) fixing on wall / ceiling / PCGI panels, with suitable steel / Al. clamp for power circuit below 2KW, 1phase load from DB to Plug box including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	1600M	M				
2	Supplying and laying of 3run of 1.5mm <sup>2</sup> wire with earth through open office duct using flexible pipe in crossing including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	1000M	M				
3	Supplying and laying of 3run of 2.5mm <sup>2</sup> wire with earth through 20/25mm PVC pipe ISI mark (M) fixing on wall / ceiling /PCGI panels, with suitable steel / Al. clamp for power circuit below 2KW, 1phase load from DB to Plug box including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	300M	M				
4	Supplying and laying of 3run of 2.5mm <sup>2</sup> wire with earth through open office duct using flexible pipe in crossing including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	150M	M				

Managing Director

Contractor

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
5	Supplying and laying of 2run of 4mm <sup>2</sup> wire with one run of 2.5mm <sup>2</sup> for earth through 20/25mm PVC pipe ISI mark (M) fixing on wall / ceiling / PCGI panels, with suitable steel / Al. clamp for power circuit below 2KW, 1phase load from DB to Plug box including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	150M	M				
6	Supplying and laying of 2run of 4mm <sup>2</sup> wire with one run of 2.5mm <sup>2</sup> for earth through open office duct using flexible pipe in crossing including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	150M	M				
7	Supplying and laying of 5run of 2.5mm <sup>2</sup> wire with earth through 20/25mm PVC pipe ISI mark (M) fixing on wall / ceiling / PCGI panels, with suitable steel / Al. clamp for 3&1 phase power circuit (Metal clad plug box as per code "B35" including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	200M	M				
8	Supplying and laying of 5 runs of 2.5mm <sup>2</sup> wire with one run of 2.5mm <sup>2</sup> for earth through open office duct using flexible pipe in crossing including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	150M	M				
9	Installation of 6/16A modular socket out let 5 pin shuttered type, controlled by 16 A indicator type 1 way switch combined with front plate and its MS base box, fixing in walls / direct to the PCGI partition including termination including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	70Nos	E				

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Contractor

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
10	Supplying and providing 230V, 20A metal clad plug sockets controlled by 20A SP MSCB, combined in MS enclosure and SS front plate and termination including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	5Nos	E				
11	Supplying and providing 415 & 230V, 20A metal clad plug sockets controlled by 20A TP & SP MSCB, combined in MS enclosure and SS front plate and termination including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	5Nos	E				
12	Supplying and laying 2 pair telephone wire through 20mm PVC conduit from terminal box to socket out let including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	100M	M				
13	Supplying and providing modular type telephone RJ11 socket on partition & giving connection including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	2Nos	E				
14	Supplying and laying CAT6 LAN (Computer) cable through 20 mm PVC conduit from existing switch to open office table if required including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	120 m	E				
15	Supplying and providing modular type computer RJ 45 socket on partition and giving connection etc. including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	2 Nos	E				
16	Supplying and fixing 12 way TPN MCB Vertical DB, double door with 60A FP MCB as incomer with 4P ELCB of 63 A, 30 mA and outgoing 3 pole/one pole MCB of 6/10/16/20 A total 36 Nos. including termination etc. including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	3 Nos	E				

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Contractor

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
17	Dismantling of the existing suitable draw out type panel board from Vitamin A plant and transporting the same to A/C plant, after painting, fixing adjacent to the central A/C control panel, including checking and rectifying work if any in that panel such as on incomer with meeting of 250A/200A and outgoing 4Nos 63 A TPN SDF, 8 NOs DOL starter with control switch and fuse links including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	1 Nos	E				
18	Supplying and laying of 3 1/2 x185mm <sup>2</sup> Al UG cable from MSB3 panel of Betalactam to new above SSB through existing cable trench including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	140 m	M				
a)	Supplying and laying of 4Cx35 mm <sup>2</sup> Al AG cable through wall/floor/existing cable tray/trench from proposed SSB to 12 way VDB B39	190m	M				
b)	Supplying and laying of 4Cx6 mm <sup>2</sup> Al AG cable through wall/floor/existing cable tray/trench from proposed SSB to 12 way VDB for AHU motor including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	700 m	M				
c)	Supplying and laying of 6Cx1.5 mm <sup>2</sup> copper UG cable through wall/floor/existing cable tray/trench from proposed SSB to 12 way VDB as AHU control including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	475m	M				
19	Supplying all items for providing glanding and termination of following cables including cost and conveyance of all materials complete as directed by the officers concerned.						
a)	....do.....3 1/2 C x 185 mm <sup>2</sup>	2Nos	E				
b)	....do.....4C x 35 mm <sup>2</sup>	6Nos	E				

Managing Director

Contractor

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
19.C)	....do.....4C x 6 mm <sup>2</sup>	16Nos.	E				
19.D)	....do.....6C x 1.5 mm <sup>2</sup> Copper UG cable	16Nos.	E				
20	Supplying and fixing ON &OFF illuminated push button station with its base box and front plate of SS make for AHU control and termination B49 including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	8 Nos.	E				
21	Supplying and laying No.10 SWG bare copper for earth along with AHU and DB cable including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	450 m	M				
22	Supplying and laying 25mmx6mm GI flat for earth from existing earth bus to above SSB including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	25m	M				
23	Supplying and wiring light, 6A plug exhaust fan point using 1.0mm <sup>2</sup> wire through 20mm PVC pipe of ISI mark controlled by 6A modular switch on MS box in wall/partitions with front plate in open/concealed type as IS 732 including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.						
a)	....do.... One lamp control by 6A switch	45 Nos	E				
b)	.....do..... For two lamps controlled by 6A switch	10 Nos.	E				
c)	.....do..... For three lamps controlled by 6A switch	7 Nos.	E				
d)	.....do..... 6A socket controlled by 6A switch combined with other switches	8Nos	E				
24	Supplying and fixing 3x36 watts CFL fitting on ceiling and termination 2feetx2feet size clean room fittings with SS cover and lamps including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	10Nos	E				

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Contractor

No.	Description	QTY	Unit	Rate figures	in	Rate in words	Amount
25	.....do.....for 2x36 watt mirror optic fitting on ceiling with lamp and termination including cost and conveyance of all materials labour charges etc. complete as directed by the officers concerned.	41Nos.	E				
26	.....do....for 1x36watt CFL fitting on wall/ceiling with lamp and termination --do--	21Nos.	E				
27	....do.... For 1x18watt spot light fitting on ceiling with lamp and termination ...do...	11 Nos.	E				
28	Supplying and fixing 11watt PL lamp fittings with lamp fixings and termination ----do--	3Nos.	E				
29	Supplying and fixing fire fighting equipments for electrical control room and D.G room.						
29.a)	CO2 - 2Kg	2Nos.	E				
b)	Rubber mat - 2mx1mx6mm size, ISI mark	1Nos.	E				
30	Preparation of drawing, submission to Electrical Inspectorate, Alappuzha, for arranging inspection and collecting safety certificate for additional load(excluding all statutory fees)	1Nos.	E				

**Materials and Make:**

ISI Mark PVC Conduit -- Circle Ark/Precision  
 UG cable --V.Guard/Finolex  
 Wires --Finolex  
 Switches/Sockets --Crabtree/Havell's/ Vipro  
 Lighting Luminaries --Phillips/Wipro  
 DB/MCB/ELCB/MC Plug --Legrand/Havell's

Managing Director

Contractor

No of Corrections  
 No of over writings  
 No of scorings